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1941

The Royal
Agri-Horticultural Society of India

ANNUAL REPORT
AND
STATEMENT OF ACCOUNTS
for the Year 1941

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THE ONE HUNDRED AND TWENTIETH

ANNUAL REPORT

OF

The Royal

Agri-Horticultural Society of India.

Year ended 31st December 1941.

President.—J. H. Burder, Esqr.

Vice-Presidents.—J. S. Graham, Esqr. and Kumar G. C. Law.

Members of Council.—Maharajadhiraj Sir B. C. Mahtab of Burdwan, K.C.I.E., K.C.S.I., I.O.M., A. P. Benthall, Esqr., T. S. Gladstone, Esqr., K. P. Goenka, Esqr., W. L. Gordon, Esqr., Dr. S. C. Law, C. K. Nicholl, Esqr., Sir Thomas Lamb, Maharaj Kumar of Burdwan, J. N. Roy, Esqr., E. M. Smythe, Esqr., A. N. Wardley, Esqr.

Finance Sub-Committee.—President Ex-Officio, A. P. Benthall, Esqr., Sir Thomas Lamb and J. N. Roy, Esqr.

Garden Sub-Committee.—President Ex-Officio, T. S. Gladstone, Esqr., J. S. Graham, Esqr. and W. L. Gordon, Esqr.

Secretary.—S. Percy-Lancaster, Esqr., F.L.S., F.R.H.S. M.R.A.S.

Orbituary.—The Council regret to record the death of the Maharajah of Burdwan on the 29th August.

The late Maharajadhiraj was a Life member of the Society and had been on the Council since 1907 holding the office of President from 1910 to 1913.

Membership.—War has not made any difference to the membership and while there were a number of resignations owing to members being called up for active service and other reasons new members more than made up for the losses. A comparison of membership as at the end of 1940 and 1941 is given below.

	1940	1941
A. Class Members ...	526	565
B. Class ,, ...	511	630
Life ,, ...	52	55
Honorary ,, ...	23	15

Finance.—The surplus balance shown this year by the Audited Accounts is Rs. 8119-15-4 as compared with last years figure of Rs. 5819-14-5. The Depreciation account is Rs. 1390-8-10 as compared with 1940 figure of Rs. 1499-13-10.

Appreciation.—The Council desires to record at this time its appreciation of the assistance given by the Superintendent of the Royal Botanic Garden and the Curator of the Herbarium as regards the identification of specimens, etc.; it thanks all donors of plants and seeds for their gifts made during the year.

Weather conditions.—There were no severe storms during the past year, a Nor'Wester in May damaged branches of Cassias and blew down one small tree. Rainfall was in excess and the total showed that over 20 inches fell in excess of the average, some damage

was caused through waterlogging and large plants of Plumbago capensis, in particular, suffered badly.

Seeds.—Miscellaneous, orders for Soya Bean seed were again supplied in fair quantity but there was little demand for green manure or tree seeds.

Hot and Rainy Season Flower and Vegetable Seed.—A slight improvement in demand for Country vegetable seed can be reported.

Cold Weather selection.—In spite of War conditions all consignments of seed reached the Society safely; owing to a misunderstanding some vegetable seeds from America were not despatched but we were able to supply all members requirements. Through the kindness of one of the members of the Council the packeting of the more expensive types of seed was carried out in an air conditioned room; Aster, Pansy and Carnation seed were again placed in glass phials. Germination tests were carried out as usual and gave excellent results, and the number of complaints about bad seed registered has been the smallest the Society has had for many years. The Society grows a large variety of popular annuals in its own seed beds from which selections are made to improve the acclimatised strains of seed offered to members. Many varieties of Antirrhinum, Cornflower, Cosmos, Dianthus, Dahlia and Sweet Pea were grown during the past year.

Experimental Annual Garden.—A large number of annuals were tried out this year and at the time of writing this report the following have flowered :—

Asperula azurea setosa.
Anacylus radiatus.
Antirrhinum Magic Carpet.
Cuphea lanceolata.
Cynoglossum Fairy Blue, Blue Bird, Firmament, Blanche Burpee & Pink
Calandrinia Amaranth.

Centranthus macrosiphon.
Centaurea Americana.
Cineraria Diamond.
Dimorphotheca Glistening White.
Echium hybrids.
Emmenanthe pendulifolia.
Erigeron divergens.
Gazania grandiflora & species.
Heteropappus hispidus.
Ipomea Daphniensis.
Linaria cymbalaria.
Moricandia sonchifolia.
Melandrium virginica.
Mirabilis uniflora.
Machaeranthera tanacataefolia.
Melanpodium virginica.
Nierembergia frutescens.
Nolana Blue Ensign.
Oenothera bistorta Veitchiana.
Pentstemon gentianoides & Castle Forbes.
Phacelia Parryii & Whitlavia.
Poppy Iceland Exquisite mixture.
Platycodon annual blue.
Pyrethrum Excelsior.
Saponaria Pink Beauty.
Salvia Damask Rose & New Dwarf Gem.
Senecio arenarius.
Silene pendula compacta.
Sweet Pea Bopeep.
Talinum patens.
Ursinia anethoides aurea & Orange Bedder.
Virginian Stock Crimson King.
Wallflower Early Wonder hybrids.
Xanthisma texanum.

Annual Garden.—During the year the lawn was relaid in doob grass ; the scheme for the front beds was yellow Antirrhinum and blue Cynoglossum. The mixed annual border was treated as usual but the narrow beds on the south side contained Pansies. The western back section of annuals was converted into a Hibiscus Garden, the central portion devoted to cold weather flowering shrubs but this year also filled with Dahlias, Gladiolii, Oxalis, Narcissus, etc. The enclosed garden was planted with Carnations and the borders to the Chain walks also contained these

annuals. The Blue Garden was altered to four large beds in red, white, blue and yellow annuals. The display of annuals was on the whole good.

Plants.—Stock beds, further improvements were carried out and low lying beds raised with earth. Increased plant propagation added more plants to the stock and it is expected that during the coming year more saleable stock will be available.

New plants imported.—Consignments came to hand from Ceylon and Singapore as well as several places in India.

Scientific Committee.—As one of the members of the Horticultural Section was frequently absent from Calcutta, the Scientific Committee co-opted two members, Mr. N. Mitra, Curator of the Royal Botanic Garden and Mr. E. F. Watson, Supdt. Governor's Estate. Dr. (Mrs.) Macfarlane resigned her seat on the Committee on leaving Calcutta. Two specimens were submitted by the Durga Nursery, Bezwada, but as they arrived in a dry condition no definite identification could be made. The Society presented 36 specimens which were duly considered by the Committee. These were several colour variations of perennial Verbena, Crossandra undulaeformis hybrids, three Crinum hybrids and a Cassia hybrid. A set of 36 Cooperanthes bulbs was submitted to the Royal Botanic Garden for flowering and examination.

Crossbreeding.—Many interesting hybrids are being grown especially in the annual line, several new types of Cosmos appeared among our 1941-42 seedlings and are being carefully tested. Lemon yellow shades

have been obtained in the orange coloured Klondyke type of Cosmos while the early flowering Orange Flare type has given a much deeper shade of orange as well as two distinct yellow shades.

Flower Shows.—Owing to War conditions the Council decided to cancel the Annual Flower Show in 1942. The Secretary however was asked to judge at a special Flower Show at Jamshedpur on the 28th January.

Propagation.—On the whole good results were obtained but heavy rain, shortly after layers of Bougainvilleas had been made, caused the rot of the tongue of the layered plants with the result that several hundred failed to root. Plumbago capensis died owing to excessive rainfall.

Annual Seedlings.—As usual large stocks of winter seedlings were raised but this year suffered little from late rainfall; there was a good demand especially for Carnations and Pansies of which the Society had abundant stock.

Xmas Trees.—Orders for cut Cryptomeria tops and growing Araucaria in pots were up to normal.

Manure & Fertilisers.—There was a falling off in sales, stocks of chemical fertilisers could not be renewed owing to the impossibility of obtaining supplies and there was less demand for lawn top dressing, etc., than previously.

Inspections.—During the year the Secretary paid seven visits to the Darbhanga Raj and one to Ranchi, four to gardens outside the Calcutta Municipal limits and made 39 local inspections of Gardens.

Garden Competition.—Owing to War conditions and the exodus of malis from Calcutta only nine Gardens entered for the competition. Of these five were in A. Class and judging took place on Sunday the 15th instant, Messrs. E. F. Watson and A. S. Wilson again assisting. The Society are greatly obliged to these gentlemen for their help and the short note of suggestions submitted to every competitor. Mr. R. R. Haddow, 12, Lord Sinha Road, again carried off the Sassoon Challenge Cup with 415 marks out of a maximum of 500 and Mr. J. S. Graham was placed 2nd in this class for the second time, carrying 405 Marks. In B. Class the position of the competitors was reversed and Mrs. Gemmell, 41, Ironside Road, who was 2nd last year, won the Burdwan Challenge Cup with 425 marks out of 500 and Mr. A. Curlender came 2nd with 415 marks.

Honorary Members.—The Council elected the following members for the year 1942.

H. J. Grahame Bell, Esqr.
Dr. K. Biswas, M.A., D.Sc. (Lond.) F.R.S.E.
N. L. Bor, Esqr., D.Sc., F.L.S., I.F.S.
Dr. S. R. Bose, M.A., B.L., Ph.D., F.R.S.E.
Dr. C. D. Darlington.
Dr. G. Stuart-Gager. Ph.D., Sc.D.
Dr. H. H. Mann, D.Sc., K.I.H.
Prof. E. D. Merrill.
N. Mitra Esq., B.Sc., N.D.H.
T. H. Parsons, Esqr., F.L.S.
L. F. Ruse, Esqr.
Sir John Russell, D.Sc., F.R.S.
Sir. Wm. Smith, M.A., F.R.S.E., F.L.S.

Library.—A number of volumes were added to the library by purchase as well as the several monthly publications from England, Australia and Singapore.

STATEMENT OF ACCOUNTS

The Royal Agri-Horticultural

BALANCE SHEET

LIABILITIES.	Rs. As. P.	Rs. As. P.	1940 Rs. As. P.
Capital Account—			
As at 31st December 1940	64,988 12 0		
Add Surplus for the year ended 31st Dec. 1941	8,119 15 4	73,108 11 4	64,988 12 0
Grant Testimonial Fund—			
3½% Bonds as per contra	2,800 0 0		
Interest	202 5 3	3,002 5 3	2,950 6 5
Sundry Creditors—			
For Goods supplied	6,411 1 2		
,, Expenses	3,126 1 1		
,, Other Finance	1,546 2 4	11,083 4 7	10,070 3 10
Carried over ..	..	87,194 5 2	78,009 6 3

Society of India.

as at 31st December 1941.

ASSETS.	Rs. As. P.	Rs. As. P.	1940 Rs. As. P
Building & Property—			
At No. 1 Alipore Road & 5 Belvedere Rd.			
Balance as at 31st December 1940 ..	16,199 7 11		
Less—Depreciation @ 5% per annum	809 15 7		
		15,389 8 4	16,199 7 11
Library Books—			
Balance as at 31st December 1940 ..	1,377 7 6		
Additions during the year	114 15 0		
	1,492 6 6		
Less—Depreciation @ 5% per annum	68 13 10		
		1,423 8 8	1,377 7 6
Furniture—			
Balance as at 31st December 1940 ..	1,806 0 7		
Old Furniture	2,335 0 0		
	4,141 0 7		
Less—Depreciation @ 5% .. 90 4 10			
Depreciation Reserve 2,335 0 0			
	2,425 4 10		
		1,715 11 9	1,806 0 7
Lawn Mower—			
Balance as at 31st December 1940 ..	304 7 10		
Less—Depreciation @ 20% per annum	60 14 4		
		243 9 6	304 7 10
Lorry Account—			
Balance as at 31st December 1940 ..	943 11 9		
Less—Depreciation @ 20% per annum	188 11 11		
		754 15 10	943 11 9
New Seed Room—			
Balance as at 31st December 1940 ..	1,031 12 7		
Less—Depreciation @ 5% per annum	51 9 5		
		980 3 2	1,031 12 7
Carried over ..		20,507 9 3	21,663 0 2

BALANCE SHEET

LIABILITIES—*Contd.*	Rs. As. P.	Rs. As. P.	1940 Rs. As. P.
Brought forward ..		87,194 5 2	78,009 6 3
TOTAL RS. ..	....	87,194 5 2	78,009 6 3

We have examined the above Balance Sheet with the books of the Society and in our opinion such Balance Sheet exhibits a true and correct view of the affairs of the Society according to the best of our information and the explanations given to us and as shown by the books of the Society.

Society of India.

as at 31st December 1941.

ASSETS—*Contd.*	Rs. As. P.	Rs. As. P.	1940 Rs. As. P.
Brought forward ..	....	20,507 9 3	21,663 0 2
New Quarter for Malis—			
Balance as at 31st December 1940 ..	242 11 7		
Less—Depreciation @ 5% per annum	12 2 2		
		230 9 5	242 11 7
Coolie Lines—			
Manure Section			
Balance as at 31st December 1940 ..	836 14 0		
Less—Depreciation @ 5% per annum	41 13 6		
		795 0 6	836 14 0
Packing Section—			
Balance as at 31st December 1940 ..	965 7 3		
Less—Depreciation @ 5% per annum	48 12 4		
		916 10 11	965 7 3
Flower Show Shed—			
Balance as at 31st December 1940 ..	348 10 10		
Less—Depreciation @ 5% per annum	17 6 11		
		331 3 11	348 10 10
Grant Testimonial Fund Investment—			
3½% Government Bonds 1854-55 ..	2,300 0 0		
3½% do. 1842-43 ..	500 0 0		
Interest Accrued	37 4 10		
		2,837 4 10	2,839 2 0
Stock of Seeds and Manures—			
As per Secretary's Valuation ..	....	1,789 0 0	1,237 0 0
Sundry Debtors—	....	4,025 9 0	5,919 12 0
Sundry Outstandings—			
For Advances and Deposits ..	....	340 15 10	239 4 10
Investments—			
Rs. 9,000 3½% Loan 1947-50 at cost	8,867 2 7		
,, 10,000 3¼% New Howrah Bridge Loan at cost	10,137 8 0		
,, 10,000 3½% Loan 1947-50 at cost ..	10,045 0 0		
,, 10,000 3% Loan 1949-52 at cost ..	10,051 9 0		
		39,101 3 7	29,049 10 7
Interest Accrued on Investments ..	....	164 2 8	169 4 11
Cash—			
In hand	1,812 14 9		
With Imperial Bank of India ..	14,342 0 6		
		16,154 15 3	14,498 8 1
TOTAL RS. ..	....	87,194 5 2	78,009 6 3

CALCUTTA,
21st March 1942

LOVELOCK & LEWIS,
Chartered Accountants,
Registered Accountants.

The Royal Agri-Horticultural

REVENUE ACCOUNT for

EXPENDITURE.				1941 Rs.	As.	P.	1940 Rs.	As.	P.
To Stock of Seeds and Manures as at 31st December 1940				1,237	0	0	2,753	14	0
,, Boxes and Pots				620	4	3	248	2	6
,, Garden Establishment				15,123	10	0	13,887	5	0
,, Freight				98	13	9	67	1	3
,, Office Establishment				11,275	15	0	10,578	0	0
,, Rent, Rates and Taxes				2,231	6	0	2,231	6	0
,, Pension				480	0	0	480	0	0
,, Printing and Stationery				2,844	2	0	1,844	6	6
,, Sundry Charges				1,356	14	4	1,663	11	6
,, Electric Light				309	8	0	239	14	6
,, Advertising				283	8	0	263	0	0
,, Library Expenses				101	10	9	91	13	9
,, Audit Fees				650	0	0	650	0	0
,, Motor Lorry Expenses				991	1	6	676	3	0
,, Repairs				804	15	9	633	14	6
,, Telephone and Telegrams				654	0	0	551	2	6
,, Garden Petty Charges				806	1	0	382	8	0
,, Free Allowance (Plants)				10,157	3	0	9,634	8	0
,, Do. (Seeds)				12,767	15	0	11,831	4	0
,, Insurance				182	8	0	107	8	0
,, Law Charges							10	8	0
,, Flower Show				5	0	0	167	15	0
,, Garden Implements				110	14	6	27	5	6
,, Lawn Mower Repairs				316	2	0	18	13	0
,, Exchange				0	15	2	4	5	0
,, Depreciation on—	Rs.	As.	P.	....			....		
Building and Property ..	809	15	7	....			....		
Library Books	68	13	10	....			....		
Furniture	90	4	10	....			....		
Lawn Mower	60	14	4	....			....		
Lorry Account	188	11	11	....			....		
New Seed Room ..	51	9	5	....			....		
New Quarters for Malis ..	12	2	2	....			....		
Coolie Lines—									
Manure Section ..	41	13	6	....			....		
Packing Section ..	48	12	4	....			....		
Flower Show Shed ..	17	6	11	....			....		
				1,390	8	10	1,499	13	10
Surplus for the year ended 31st December 1941 ..				8,119	15	4	5,819	14	5
TOTAL Rs. ..				72,920	0	2	66,364	5	9

A. K. MUKERJEE,
Accountant.

Society of India.

the year ended 31st December 1941.

INCOME.	1941 Rs.	As.	P.	1940 Rs.	As.	P.
By Subscription	26,250	6	0	23,398	0	0
„ Government Annuity..	6,000	0	0	6,000	0	0
„ Plants	16,308	15	0	15,872	12	3
„ Earth and Leaf Mould	2,497	1	9	2,341	11	6
„ Bought Seeds	8,282	15	7	7,742	6	11
„ Miscellaneous Seeds	1,259	3	0	1,866	5	6
„ Collected Seeds	1,942	12	6	970	0	0
„ Cut Flowers	172	8	0	154	7	0
„ Bought Manure	1,295	0	10	1,011	8	0
„ Garden Competition	75	11	0	68	0	0
„ Interest on Investments	900	13	9	821	3	1
„ Gardening Calendar	74	8	0	156	12	0
„ Packing and Forwarding	1,906	8	9	1,766	2	6
„ Tennis Court Books	21	15	0	34	14	0
„ Seedlings	3,334	5	0	2,358	3	0
„ Inspection	1,147	8	0	565	0	0
„ Stock of Seeds and Manures as at 31st December 1941	1,449	12	0	1,237	0	0
TOTAL Rs. ..	72,920	0	2	66,364	5	9

S. PERCY-LANCASTER,
Secretary & Treasurer.

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The Royal
Agri-Horticultural Society of India

The One Hundred and Nineteenth
ANNUAL REPORT
AND
THE STATEMENT OF ACCOUNTS
for the Year 1940

THE
Garden Competition and
Annual Flower Show 1941.
Exhibitions 1940.

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Secretary.—S. Percy-Lancaster, Esqr., F.L.S., F.R.H.S., M.R.A.S.

Membership.—In spite of war conditions new members have come forward to join the Society in encouraging numbers but resignations, due to active service or transfer, have also been many and at the

end of the year the number of resignations received was 144 of which 41 were from A. and 103 from B. Class

A comparison of members as at 31st December 1939 and 1940 is given below and in the circumstances the figures are not considered unsatisfactory.

	1939	1940
Ordinary Members, A. Class ...	533	526
,, ,, B. ,, ...	478	511
Life Members ...	52	52
Honorary & Corresponding Members ...	23	23

Finance.—The Audited Accounts for the year which appear at the end of this Report show a surplus balance of Rs. 5819-14-5. This result is largely due to the reduction in the amount which it has been necessary to write off in the Depreciation Account and appears below :—

	1939			1940		
	Rs.	As.	P.	Rs.	As.	P.
Building & Property A/C.	1,280	9	6	1,032	14	3
Renovation A/C. ...	1,340	15	5	...		
Garden Improvement A/C.	2,050	14	9	466	15	7
TOTAL Rs.	4,672	7	8	1,499	13	10

Appreciation.—The Council wish to thank all donors of seeds and plants for their generous gifts and the Port Commissioners for the palm leaves which are used for thatching our ferneries. They also greatly appreciate the help given by the Superintendent of the Royal Botanic Gardens and the Curator of the Herbarium in the matter of identification of specimens, etc.

Weather Conditions.—A comparative statement of rainfall shows that while the years total was less than in either 1937 or 1939, the quantity was about normal for this part of Bengal. There were three months however without a drop of rain and in February and April the amounts were negligible. Disaster to annual seedlings came with a heavy shower at the close of October when a sudden squall deposited an inch and a half of rain in an hour.

Rainfall as measured at the Alipur Observatory, Calcutta.

Months.	1940	1939	1938	1937
January	0·00	0·06	0·41	0·00
February	0·29	1·48	1·11	5·43
March ...	6·17	0·03	0·52	0·38
April ...	0·06	1·57	0·01	0·15
May ...	6·61	2·74	14·54	5·47
June ...	7·70	15·20	9·15	17·52
July ...	10·63	14·85	6·11	10·92
August ...	12·15	21·66	9·64	14·10
September	14·69	10·85	2·21	13·31
October ...	3·72	9·48	3·77	7·89
November	0·00	0·35	0·11	0·15
December	0·00	0·03	0·00	0·09
TOTAL ...	62·02	78·30	47·58	75·41

Seeds. (*a*) **Hot and Rainy Season Seeds.** There was little improvement in the sale of seeds during this period of the year.

(*b*) **Miscellaneous,** orders were slightly better.

(*c*) **Cold weather** sales were good. Anticipating that the war might extend to the Mediterranean consignments from our growers were obtained in June and, on receipt, the seeds were transferred to airtight jars. Packeting was done in August and carried out in the dry seed store which had further been dried with heaters. Every precaution was taken against the packets being affected by damp and when transferred to the sale tins the covers were also sealed with wax.

Seed Germination.—In spite of all these precautions a few complaints about the non germination of some varieties of seed were received and, with few exceptions, related to Pansy, Aster, Larkspur, and Phlox. Our own garden sowings and test sowings of sale seeds gave excellent results except in a few cases. An article to be published in the Society's News sheet during 1941 will show how many of the failures may have been due to the high temperatures prevailing at the time of seed sowing. Suggested methods of overcoming these difficulties are given and if carried out, we trust, better results from seeds will be obtained.

Experimental Annual Garden.—Owing to the heavy rain in October a big loss of early sown seeds took place, there was also an invasion of the seed beds by earthworms with damage to already germinating seeds. The number of novelties were much fewer owing to war conditions and with the exception of

several very bright Marigolds and an unnamed carmine Silene resembling Gypsophila Oldhamiana there is little to report in the experimental line. Many novelties have failed to flower at the time of writing this report.

Annual Gardens.—The colour scheme chosen for the front beds during the winter of 1940-41 was Antirrhinum pink and crimson and Phlox rose and scarlet. The mixed Annual border retained its great variety of annuals and the Blue Garden contained the usual large selection of blue, mauve and white annuals. The small centre section was this year planted with Carnations whilst the remaining two sections at the back contained exhibitions of yellow and orange annuals in the east portion and pink and red varieties in the west section. These colour exhibitions are proving popular and helpful to keen gardeners. No alterations were made in the planting in other parts of the garden and though some of the annuals flowered late there was a good display of colour during the cold months.

Garden Improvements.—To prevent cars racing round the garden the Council sanctioned the raising of sharp bumps on the main drive, this method of traffic control has considerably reduced the speed of cars though some motorists still take advantage of the open spaces between the raised mounds to speed up. Further a portion of the road on the north of Darbhanga House near the flagstaff was grassed in order to slow down cars taking the corner sharply. Two sand pits and a swing with a raised hill have been provided for children in the open ground to the north of the Rose Garden. A large space underneath

two Brownea trees on the north west of the garden has been paved with brick for children.

Plants Imported.—The number of consignments obtained from abroad was limited to a collection of plants from Australia and another from Ceylon, and with a very few exceptions the plants reached us in good condition. Plants were also obtained from Bangalore, New Delhi and Madras.

Plant Hybrids.—Further cross breeding work has continued during the year in Canna, Amaryllis, Bougainvillea, Dombeya, etc., but the only seedlings of outstanding merit that flowered during the year under review were Canna.

Stock beds.—All the large trees in the Mangoe Garden which is laid out for stocks of plants and shrubs, etc. were cut down and parallel stock beds edged with brick laid out. The result has given more space and more order. Plants are now kept alphabetically and further improvements will be carried out during the coming year.

Scientific Committee.—The members of the Committee met several times during the year and a number of specimens were submitted to those in charge of sections for identification, etc. A detailed report found elsewhere in these pages gives the findings of the Committee. It has to be reported however that, with the exception of some Bougainvilleas from a Nurseryman in Madras, all the specimens came from the Society's Garden.

Flower Shows.—The Secretary visited the following stations in connection with inspection of gardens and judging exhibits at the Shows. Khargpur 8th, Asansole

20th, Saidpur 22nd, Dhanbad 28th February and Delhi 8th March, 1941. Reports will be found elsewhere in these pages.

Annual Flower Show & Exhibition.—The Annual Flower Show had to be cancelled for lack of support, this was partially due to a bad season. Only one exhibition took place during the year.

Inspections.—The Secretary paid 46 visits to local gardens and 3 within a 25 mile radius ; written reports with suggestions for the improvement of the lay out, etc., were submitted in each case. The Secretary also visited Burnpore once and made three inspections of Darbhanga in connection with the improvement of the Palace Gardens and general planting of Temple areas, Orchards, etc.

Garden Competition.—There were a larger number of Gardens entering for this competition during 1941 than in the past few years, (19 as compared with 13 in 1940) and the judges chose the 15th and 16th of February for inspection. We are greatly indebted to Messrs. J. H. Harradance, H. R. Watson and A. S. Wilson for their kind help in visiting these gardens and the heavy work entailed in preparing the reports which were submitted to every competitor. A full report of the Garden Competition is given elsewhere in these pages.

Honorary Members.—The Council decided to revise the list of Honorary members and elected the following for a period of one year. Those chosen for the year 1941 are noted below :—

Dr. K. Biswas, M.A. D.Sc. (Lond.) F.R.S.E.

(Dr.) Mrs. Macfarlane Ph.D. (Mich) D.Sc. (Lond.)

Dr. S. R. Bose, M.A., B.L., Ph.D., F.R.S.E.

A. S. Wilson, Esqr.

N. L. Bor, Esqr. D.Sc., I.F.S.

Sir Arthur Hill, K.C.M.G., M.A., D.Sc. F.R.S. F.L.S., F.R.G.S., V.M.H.

Sir Wm. Smith, M.A., F.R.S.E., F.L.S.

W. L. Dykes, Esqr.

A. Grahame Bell, Esqr.

L. F. Ruse, Esqr.

T. H. Parsons, Esqr., F.L.S.

Dr. H. H. Mann, D.Sc., K.I.H.

Dr. G. Stuart Gager, Ph.D., Sc.D.

Prof. E. D. Merrill.

Dr. C. D. Darlington.

Library.—Few additions have been made to the Library of the Society, publications subscribed for came to hand with few exceptions and some books were also purchased.

STATEMENT OF ACCOUNTS

The Royal Agri-Horticultural

BALANCE SHEET

LIABILITIES.	Rs. As. P.	Rs. As. P.	1939 Rs. As. P.
Capital Account—			
As at 31st December 1939	59,168 13 7		
Add Surplus for the year ended 31st Dec. 1940	5,819 14 5		
		64,988 12 0	59,168 13 7
Grant Testimonial Fund—			
3½% Bonds as per contra	2,800 0 0		
Interest	150 6 5		
		2,950 6 5	2,903 0 5
Suspense Account	..	1,287 2 10	1,368 15 4
Sundry Creditors	..	8,783 1 0	10,147 6 8
Carried over ..	..	78,009 6 3	73,588 4 0

Society of India.

as at 31st December 1940.

ASSETS.	Rs. As. P.	Rs. As. P.	1939 Rs. As. P.
Building & Property—			
At No. 1 Alipore Road & 5 Belvedere Rd.			
Balance as at 31st December 1939 ..	17,052 1 7		
Less—Depreciation @ 5% per annum	852 9 8		
		16,199 7 11	17,052 1 7
Library Books—			
Balance as at 31st December 1939 ..	1,397 5 0		
Additions during the year	50 0 4		
	1,447 5 4		
Less—Depreciation @ 5% per annum	69 13 10		
		1,377 7 6	1,397 5 0
Furniture—			
Balance as at 31st December 1939 ..	1,901 1 5		
Old Furniture	2,335 0 0		
	4,236 1 5		
Less—Depreciation @ 5% .. 95 0 10			
Depreciation Reserve 2,335 0 0			
	2,430 0 10		
		1,806 0 7	1,901 1 5
Lawn Mower—			
Balance as at 31st December 1939 ..	330 9 10		
Addition during the year	40 0 0		
	370 9 10		
Less—Depreciation @ 20% per annum	66 2 0		
		304 7 10	330 9 10
Lorry Account—			
Balance as at 31st December 1939 ..	1,179 10 8		
Less—Depreciation @ 20% per annum	235 14 11		
		943 11 9	1,179 10 8
New Seed Room—			
Balance as at 31st December 1939 ..	1,086 1 5		
Less—Depreciation @ 5% per annum	54 4 10		
		1,031 12 7	1,086 1 5
Carried over ..		21,663 0 2	22,946 13 11

BALANCE SHEET

LIABILITIES—*Contd.*	Rs.	As.	P.	Rs.	As.	P.	1939 Rs.	As.	P.
Brought forward ..				78,009	6	3	73,588	4	0
TOTAL Rs. ..	....			78,009	6	3	73,588	4	0

We have examined the above Balance Sheet with the books of the Society and in our opinion such Balance Sheet exhibits a true and correct view of the affairs of the Society according to the best of our information and the explanations given to us and as shown by the books of the Society.

Society of India.

as at 31st December 1940.

ASSETS—*Contd.*	Rs.	As.	P.	Rs.	As.	P.	1939 Rs.	As.	P.
Brought forward ..	....			21,663	0	2	22,946	13	11
New Quarter for Malis—									
Balance as at 31st December 1939 ..	255	8	0						
Less—Depreciation @ 5% per annum	12	12	5						
				242	11	7	255	8	0
Coolie Lines—									
Manure Section									
Balance as at 31st December 1939 ..	880	14	9						
Less—Depreciation @ 5% per annum	44	0	9						
				836	14	0	880	14	9
Packing Section—									
Balance as at 31st December 1939 ..	1,016	4	3						
Less—Depreciation @ 5% per annum	50	13	0						
				965	7	3	1,016	4	3
Flower Show Shed—									
Balance as at 31st December 1939 ..	367	0	5						
Less—Depreciation @ 5% per annum	18	5	7						
				348	10	10	367	0	5
Grant Testimonial Fund Investment—									
3½% Government Bonds 1854-55 ..	2,300	0	0						
3½% do. 1842-43 ..	500	0	0						
Interest Accrued	39	2	0						
				2,839	2	0	2,839	10	0
Stock of Seeds and Manures—									
As per Secretary's Valuation ..	....			1,237	0	0	2,753	14	0
Sundry Debtors—	....			5,919	12	0	9,201	1	6
Sundry Outstandings—									
For Advances and Deposits ..	....			239	4	10	288	13	10
Investments—									
Rs. 9,000 3½% Loan 1947-50 at cost	8,867	2	7						
,, 10,000 3¼% New Howrah Bridge Loan at cost	10,137	8	0						
,, 10,000 3½% Loan 1947-50 at cost ..	10,045	0	0						
				29,049	10	7	29,004	10	7
Interest Accrued on Investments ..	....			169	4	11	132	8	5
Cash—									
In hand	1,294	15	3						
With Imperial Bank of India ..	13,203	8	10						
				14,498	8	1	3,901	0	4
TOTAL RS. ..	....			78,009	6	3	73,588	4	0

CALCUTTA,
7th March 1941

LOVELOCK & LEWIS,
Chartered Accountants,
Registered Accountants.

The Royal Agri-Horticultural

REVENUE ACCOUNT for

EXPENDITURE.				1940 Rs.	As.	P.	1939 Rs.	As.	P.
To Stock of Seeds and Manures as at 31st December 1939				2,753	14	0	2,609	4	0
,, Boxes and Pots				248	2	6	533	11	0
,, Garden Establishment				13,887	5	0	13,914	11	0
,, Freight				67	1	3	....		
,, Office Establishment				10,578	0	0	....		
,, Rent, Rates and Taxes				2,231	6	0	78	3	6
,, Pension				480	0	0	10,482	4	0
,, Printing and Stationery				1,844	6	6	2,231	6	0
,, Sundry Charges				1,663	11	6	480	0	0
,, Electric Light				239	14	6	2,505	6	6
,, Advertising				263	0	0	1,601	2	7
,, Library Expenses				91	13	9	234	2	6
,, Audit Fees				650	0	0	348	14	0
,, Motor Lorry Expenses				676	3	0	137	11	2
,, Repairs				633	14	6	650	0	0
,, Telephone and Telegrams				551	2	6	740	4	0
,, Seed Section				382	8	0	909	8	6
,, Free Allowance (Plants)				9,634	8	0	536	2	0
,, Do. (Seeds)				11,831	4	0	373	2	0
,, Insurance				107	8	0	8,854	1	0
,, Law Charges				10	8	0	11,541	3	0
,, Flower Show				167	15	0	133	7	9
,, Garden Implements				27	5	6	107	8	0
,, Lawn Mower Repairs				18	13	0	203	11	0
,, Exchange				4	5	0	10	6	0
,, Depreciation on—	Rs.	As.	P.	....			....		
Building and Property ..	852	9	8	....			....		
Library Books	69	13	10	....			....		
Furniture	95	0	10	....			....		
Lawn Mower	66	2	0	....			....		
Lorry Account	235	14	11	....			....		
New Seed Room ..	54	4	10	....			....		
New Quarters for Malis ..	12	12	5	....			....		
Coolie Lines—									
Manure Section ..	44	0	9	....			....		
Packing Section ..	50	13	0	....			....		
Flower Show Shed ..	18	5	7	....			....		
				1,499	13	10	4,672	7	8
Surplus for the year ended 31st December 1940 ..				5,819	14	5			
TOTAL Rs. ..				66,364	5	9	63,888	9	2

A. K. MUKERJEE,
Accountant.

Society of India.

the year ended 31st December 1940.

INCOME.	Rs.	As.	P.	1939 Rs.	As.	P.
By Subscription	23,398	0	0	22,624	0	0
,, Government Annuity..	6,000	0	0	6,000	0	0
,, Plants	15,872	12	3	13,053	4	10
,, Earth and Leaf Mould	2,341	11	6	2,371	14	9
,, Bought Seeds	7,742	6	11	7,690	12	0
,, Miscellaneous Seeds	1,866	5	6	2,111	8	9
,, Collected Seeds	970	0	0	1,277	2	0
,, Cut Flowers	154	7	0	73	8	0
,, Bought Manure	1,011	8	0	657	12	9
,, Garden Competition	68	0	0	40	0	0
,, Interest on Investments	821	3	1	538	0	7
,, Gardening Calendar	156	12	0	73	8	0
,, Packing and Forwarding	1,766	2	6	1,367	8	10
,, Tennis Court Books	34	14	0	10	8	0
,, Seedlings	2,358	3	0	2,572	6	0
,, Inspection	565	0	0	250	0	0
,, Stock of Seeds and Manures as at 31st December 1940	1,237	0	0	2,753	14	0
TOTAL Rs. ..	66,364	5	9	63,453	9	6

S. PERCY-LANCASTER,
Secretary & Treasurer.

Exhibition.

Orchid Exhibition. 9th and 10th March, 1940.

The variety of early Orchids in bloom at this period of the month is small but the selection on view chiefly limited to Phalaenopsis and Phaius were in full beauty. Many fine specimens of Phalaenopsis carrying 2 and 3 spikes of pale mauve blooms were on view. In addition there were Oncidium ampliatum majus, Saccalobium ampullaceum, Dendrobium macrophyllum & Pierardii and Vanda teres. A few early Amaryllis in bloom were also staged. Kumar G. C. Law had two rare Brasso-Cattleya hybrids and several Phalaenopsis and Oncidiums on show while Mr. B. K. Mondal brought a few Phalaenopsis as well as several vases of very fine Carnations and Pansies. Messrs. P. P. Chatterjee & Nephew exhibited a bouquet of Orchids including Dendrobiums formosum, nobile, Wardianum and Phaius Wallichii.

Other interesting exhibits by the Society were groups of large leaved Coleus in great variety, Cinerarias and several specimens of the uncommon Beloperone oblongata (Lobster Claw). The Society arranged fifty vases of flowers in season including Amherstia nobilis, Brownea grandiceps, Congea alba, Monodora grandiflora, Saraca taipingensis, Randia maculata, Beaumontia fragrans, Napoleana imperialis, Jacaranda ovalifolia and Stemmadinia bella.

Flower Shows.
1941

Khargpur, 8th February.

The Flower Show was held in the fernery at the Nursery Garden but owing to the bad season it was not as well patronised as last year. The quality of the flowers, vegetables and plants was not up to standard. There was not a single item deserving special mention in any of the classes but the greatest number of exhibits were in the sections of bowls or baskets of cut flowers arranged by ladies and their servants. Roses do very well in Khargpur and usually a number of excellent buds appear on the show bench, this year the competition was very poor indeed.

Very few gardens entered for the Garden Competition as the majority felt diffident about competing owing to lack of annuals, the prize winning gardens however were quite up to the mark and well laid out.

The Committee are arranging to get the interested members of the station together during the early part of the monsoon and will obtain practical advice for those who wish to enter for the Garden Competition.

Asansole, 20th February.

A bad season interfered with gardening in this station and environs for the Flower Show accepts exhibits from Burnpur and other nearby stations as well. The lay out of the Show was excellent but the number of competitors few and the quality of both flowers and

vegetables not good. The greatest disappointment was the pot section which had been simplified to attract many of the Railway community who are compelled to garden in pots. The Flower Show Committee intend, during the monsoon, making a special effort to increase interest in gardening.

The prize winning gardens in the Railway colony, though small, were well laid out and full of flowers, annuals and roses being the chief items of beauty.

A large bunch of yellow and orange Iceland Poppies sent in from a keen amateur in Burnpur were greatly admired at the Show, the flowers were of good size and borne on long stalks.

Saidpur, 22nd February.

A bad season and war conditions had also affected this station adversely and though ten gardens were entered for the Garden Competition, in three separate sections, the actual standard on the whole was poor. The Secretary gave personal advice to the competitors on the spot and notes have been submitted to the officers in charge of the four Public Institutions that were entered in Class XXII.

The Show was held rather late for the best flowers and vegetables were over and as the day was very windy vases of flowers in an open shed suffered badly. Dr. Gokhale again won the Prize for the best Garden.

Dhanbad, 28th February.

It was much too late to hold any exhibition of flowers in this area as hot weather conditions had

already commenced and flowers and vegetables were all but finished. This is the second Flower Show in Dhanbad and though the exhibits did not compare favourably with those arranged last year better competition was shown and the prizes were distributed among a larger number of amateurs.

A Garden Competition will be introduced next year but as soil and water conditions in some parts of the Dhanbad area are very bad two or three divisions will have to be arranged. The Secretary visited a few gardens in Dhanbad and gave advice on various subjects, he also spoke to many keen amateurs after the Flower Show.

Delhi, 8th March.

Though the Flower Show in New Delhi had been postponed the Delhi Municipality decided to hold their second General Flower Show at the Town Hall, Old Delhi and the Secretary of the Society was asked to assist in judging the exhibits.

Ornamental plants and Annuals in pots were arranged in the quadrangle but as the space was not sufficient the exhibits were rather crowded which spoilt the effect and made judging difficult. There were a large number of entries and some excellent specimens of annuals, seldom seen in Bengal, were staged. These included Cineraria, Dimorphotheca Eklonis, Nemesia, Mesembrianthemum, Schizanthus and Ursinia. Among bulbous plants Allium, Anemone, Arum, Ranunculus and Freesia appeared and a fine specimen of Pothos aurea in a hanging basket and another of Begonia semperflorens were staged. In

foliage plants the selectien was small but some of the pots were well grown though Crotons, and Dracaenas, lacked colour.

The cut flowers were arranged around a narrow gallery surrounding the main hall in the building and owing to the number of exhibits tables were crowded and exhibits were not placed in order. Among cut flowers the following were very interesting :—Alonsoa, Arctotis hybrids, Bartonia, Collomia coccinea, Centranthus, Dimorphotheca pluvialis ringens, Eschscholtzia white, Jacobaea, Kaulfussia, Gilea Bunch of Lilacs, Iceland Poppy, Lasthenia glabrata, Rudbeckia, Rhodanthe, Silene orientalis and Volutaria.

There were competitions for bouquets, button holes, table decoration, vases of cut flowers etc., but nothing outstanding was staged. A vegetable section had also been arranged but as the season was late a very poor selection of vegetables was on show.

The Society's Garden Competition, 1941.

There were a larger number of entries this year than have been registered since the Garden Competition was started in 1921. Of a total of nineteen gardens 10 were placed in A Class and the rest in B Class. The same gentlemen who have assisted for several years judged the gardens and the Society is greatly indebted to Messrs. H. R. Watson, A. S. Wilson and J. E. Harradance, for their long and arduous drive around Calcutta visiting gardens in Tollygunge, Ballygunge, Alipore and Town proper. Owing to the large number the inspection of gardens was undertaken on the 15th and the 16th February.

This year the Sassoon Challenge Cup was awarded to Mr. R. R. Haddow, 12, Lord Sinha Road, with 430 marks out of a maximum of 500, Mr. J. S. Graham, 11, Asoka Road, gaining 400 marks came 2nd. In B. Class Mr. A. Curlender of 47 Theatre Road, won the Burdwan Challenge Cup, with 380 marks out of a maximum of 500 and Mrs. Gemmell, 41, Ironside Road, took 2nd place with 375 marks.

Reports drawn up by the judges were submitted to each competitor.

The Scientific Committee.

The following allocation of work was arranged :— Dr. Biswas to be in charge of Systematic Botany, Dr. (Mrs.) Macfarlane of Cytology, Professor Bose of Plant Pathology, Mr. Basudeb Roy of Genetics & Heredity and Mr. Wilson and Mr. Percy-Lancaster of Horticulture.

Several meetings were held during the year when notes made by the officers in charge of the various sections re specimens sent for registration were discussed.

Dr. Macfarlane made a cytological examination of the pollen of various hybrids and their parents, Cooperanthes, Cassia and Bougainvillea, and submitted her report.

Dr. Biswas has very kindly had paintings made of the majority of specimens submitted to him and is maintaining a set of herbarium specimens at the Royal Botanic Gardens for reference.

The following were specimens submitted by the Royal Agri-Horticultural Society of India.

Barleria hybrids, between B. cristata and B. strigosa (coerulea), further investigation is to be carried out as the specimens, though improved forms of existing varieties of cristata, show little influence of strigosa.

Dombeya Gagiana, a hybrid between D. Mastersii and D. Wallichiana, further investigation to be carried out as a similar hybrid has already been registered in England.

Cosmos hybrids, the Alipur Strain to be registered as showing a great improvement in colour variety; detailed names to be registered only when the particular colour variation is bred true.

Tithonia hybrids, between T. speciosa and T. tagetaefolia, (diversifolia), the Alipur Strain, to be registered but further work to be carried out as the strain does not breed true.

Bougainvillea hybrids. The following to be registered; Mrs. Lancaster, Dog Star, Aida, Lord Willingdon and Conquest. Jubilee is very close to lateritea.

Verbena hybrids, between V. erinioides and Garden forms, further investigation to be made and named specimens to be submitted again with detailed notes.

Hibiscus cannabinus hybrids, more detailed notes called for, specimens to be submitted again.

Ixora hybrids, the following appear to be distinct and have been registered; Aurora, Sunset, Lancasteri, Rosy Morn, coccinea The Dwarf, coccinea The Princess, Garden Beauty and Alipurense Improved.

Anthurium hybrid, between A. Ferrierense and A. regale, intermediate between the two parents and provisionally named Ferrigale Alick. Further investigation

to be made as much work in Anthurium hybridisation is being carried out abroad.

Plumeria hybrids. The following were registered; Lancasteri, aurea, rosea, zebrina, Harlequin, Viceroy, Beauty and bicolor oculata. The parentage of Plumeria Rene to be obtained from Ceylon.

Cooperanthes hybrids. As this is a hybrid genus between Cooperia and Zephyranthes a special note will have to be submitted by the Secretary of the Royal Agri-Horticultural Society with specimens of flowers, bulbs, etc.

Hedychium hybrids. As no detailed notes were submitted of these hybrids they will have to be fully investigated this year.

Cassia hybrids. Before any registration can be effected further investigation must be made into the life history of the plants; flowers, leaves and if possible, seed pods, should be submitted in the coming year.

Five specimens of Hybrid Bougainvilleas were received from the Soundarya Nursery, Madras but could not be investigated as the colour of the bracts was faded. Without the exact shade it was difficult to make any comment. Further specimens to be obtained in a better condition if possible.

A specimen of Cassia javanica was received from the Horticultural Division, Central P. W. D., New Delhi, but proved to be a colour form of Cassia javanica.

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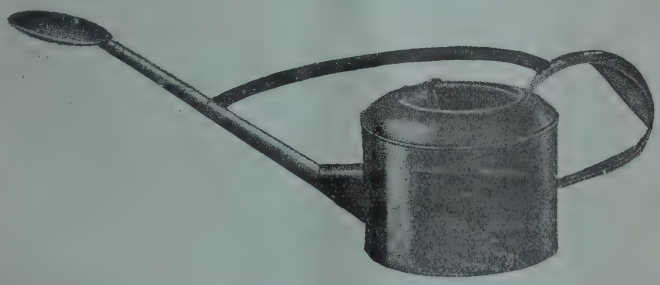

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The Royal
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ANNUAL REPORT
AND
THE STATEMENT OF ACCOUNTS
for the Year 1939

THE
Garden Competition and
Annual Flower Show 1940.
Exhibitions 1939-40.

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THE ONE HUNDRED AND EIGHTEENTH

ANNUAL REPORT

OF

The Royal

Agri-Horticultural Society of India.

Year ended 31st December 1939.

President.—J. H. Burder, Esqr.

Vice-Presidents.—J. S. Graham, Esqr. and J. N. Roy, Esqr.

Members of Council.—Maharajadhiraj Sir B. C. Mahtab of Burdwan, K.C.I.E., K.C.S.I., I.O.M., A. P. Benthall, Esqr., T. S. Gladstone, Esqr., K. P. Goenka, Esqr., D. E. Gomme, Esqr., W. L. Gordon, Esqr., Kumar G. C. Law, Dr. S. C. Law, Sir Thomas Lamb, J. N. Mookerjee, Esqr., R. Sassoon, Esqr., A. N. Wardley, Esqr.

Finance Sub-Committee.—President Ex-Officio, A. P. Benthall, Esqr., T. S. Gladstone, Esqr., and J. N. Roy, Esqr.

Garden Sub-Committee.—President Ex-Officio, T. S. Gladstone, Esqr., J. S. Graham, Esqr. and R. Sassoon, Esqr.

Secretary.—S. Percy-Lancaster, Esqr. F.L.S., F.R.H.S., M.R.A.S.

On the 3rd October the untimely death of Mr. J. N. Mookerjee created a vacancy on the Council which was not filled for the remaining period of the year.

Membership.—Figures show that there has been a steady increase in membership in spite of the large number who annually fail to renew their subscriptions. The number of B. Class members continues to grow and it is also in this Class that the majority of withdrawals take place. The figures on our books at the end of the year were :—

Ordinary Members, A. Class	533	against last year	527
,, ,, B. ,,	478	,,	412
Life Members ...	52	,,	51
Honorary & Corresponding Members ...	23	,,	23

Finance.—The Audited Accounts for the year submitted herewith, show a small loss of Rs. 119-8-7. The following sums have been placed to Depreciation in 1939 and 1938 respectively.

	1939			1938		
	Rs.	As.	P.	Rs.	As.	P.
Building & Property A/C.	1280	9	6	1815	6	3
Renovation A/C.	1340	15	5	1340	15	4
Garden Improvement A/C.	2050	14	9	2599	10	6
TOTAL Rs.	4672	7	8	5756	0	1

Assets.—The total assets of the Society amount to Rs. 46,056-12-2, as compared with Rs. 36,954-3-10, at the end of the previous year.

Provident Fund.—The small increase in the amount at credit of this Account is due to the depreciation of

Government Paper in which the majority of the Funds are invested. The figure as at the end of December was Rs. 39,522-10-7 as compared with Rs. 39,079-13-2 in 1938. On the recommendation of the Trustees the Council decided that the Society's Provident Fund should be registered and the Auditors have this matter in hand.

Appreciation.—Once again the Council record their thanks to all donors of plants and seeds and their appreciation of the help given by the Royal Botanic Gardens in the identification of specimens submitted to them.

Weather Conditions.—The vagaries of the Monsoon in Bengal were responsible for much damage to annual flower seedlings and other delicate plants in late October though propagation this year was very good on the whole. Meteorological records from the Alipur Observatory give some interesting facts about the rainfall this past season. The actual rainfall during the year 1939 was in excess of normal but the wet conditions during September and October should be particularly noted. There were actually 17 wet days in September with a total rainfall of 10.45 inches and 14 days in October with a rainfall of 9.48 inches and during October only 177 hours of bright sunshine were recorded. The abnormal wet season this year continued till the 28th October when the cold weather came in without the usual interval of hot days which is so necessary in drying out the water logged soil of Bengal. The result has been that the sub soil has retained its moist condition for a longer period than usual and the plants that naturally become dormant in the cold months, have delayed their fall of foliage.

Rainfall as measured at the Alipur Observatory, Calcutta.

Months.	1936	1937	1938	1939
January	0·43	0·00	0·41	0·06
February	1·05	5·43	1·11	1·48
March ...	0·42	0·38	0·52	0·03
April ...	0·25	0·15	0·01	1·57
May ...	9·49	5·47	14·54	2·74
June ...	16·00	17·52	9·15	15·20
July ...	10·73	10·92	6·11	14·85
August ...	6·00	14·10	9·64	21·66
September	19·83	13·31	2·21	10·85
October ...	4·75	7·89	3·77	9·48
November	0·00	0·15	0·11	0·35
December	1·27	0·09	0·00	0·03
TOTAL ...	70·22	75·41	47·58	78·30

Seeds. (*a*) Hot Weather and Rains—The sales of flower and vegetable seeds for this period of the year were average and no advance can be expected as little gardening is carried out on the plains during the hot months.

(*b*) **Miscellaneous,** comprising shade tree and green manure crop seeds ; orders received during 1939 were much less than in previous years.

(*c*) **Cold weather,** The new seed catalogue was distributed to members as soon as printed and except

where specially indented for, the Society's own seeds, imported or acclimatised, were supplied to all customers. It is regrettable that weather conditions were bad at the time of despatch of consignments as this together with the continued wet period when the seeds were sown accounted for a number of complaints received about bad germination. Test packets of all the Society's seeds were however sown in October and only in a few isolated instances were seed found to be actually bad, delayed germination of Parsley, Lettuce, Larkspur and Phlox were as usual reported. Further special precautions will be taken with the packeting of seed next year with a view to reducing the risk of deterioration after despatch and sowing instructions will also accompany all packets. It is hoped in this way that members will be saved some of the disappointments which often lead amateurs to complain of the bad quality of seed.

Seed Germination.—Local conditions could not have been worse at the time of seed sowing than they were this year. The Society usually commences its first sowings early in September with a general planting early in October. This year seed put down in September were Carnations, Hollyhock, Salvia and other varieties slow to mature. Of these germination was all that could be expected, both among the early sowings and the October batch, and with the exception a few types of Asters, two strains of Pansy and a few of Phlox results were excellent. The continued wet weather however brought disaster in its train and early seedlings were the greatest sufferers.

Experimental Annual Garden.—The damp weather took toll of many novelties which the Society was trying but among the most noticeable that flowered

were the following :—

Anoda Snow Cap.
Alyssum Violet Queen.
Arctotis aspera and Autumn Tints.
Carnation J. M. Bridgeford.
Convolvulus Scarlet Rambler.
Dianthus Gaiety, Loveliness hybrid, Chabaud Salmon hybrid and Kolibri.
Eschscholtzia Butterfly.
Gynura Blue Tassels.
Hollyhock Indian Spring.
Heteropappus hispidus
Leptosyne Golden Rosette.
Melanpodium divaricatum
Marigold yellow and brown hybrids.
Microsperma Golden Tassel.
Nicotiana Snowstorm.
Meconopsis heterophylla.
Petunia Hollywood Star.
Salvia splendens white with scarlet stripe.
Sunflower Maroon Prince.
Volutaria Star of the Desert.

Annual Garden.—The front beds have this year been planted with Phlox and Dianthus, the colour scheme being scarlet and salmon and the chain walk beds contained Carnation scarlet, salmon and white. The Mixed Annual Border has been laid out as usual, the long narrow beds facing this which contained Gerbera last year were planted with Nasturtium and this was a great improvement. The Blue Garden beds contain various annuals in blue and mauve planted in clumps while the newly hedged Garden around the Ornamental Pond was planted with Pansies. The second annual border, which is reserved for seed purposes, has been planted

with Hollyhock, Tithonia and Dahlia in the background, Antirrhinum, Larkspur and Annual Chrysanthemum in the second row followed by a belt of Dianthus edged with Phlox.

Other annuals grown for seed were planted in beds on the east of the seed frames, the Sweet Pea Garden being on the south as usual. The Dahlia Garden to the east of the Rose Garden was edged with Balsams for an early display and Zinnia linearis to follow, Cosmos being interplanted with the Dahlias.

Garden Improvements.—(*a*) The Kumquat Garden to the east of the Office has been redesigned and planted with these Japanese Oranges while a full collection of Gardenias has been placed between the Weeping Debdar with a Sundial as the central feature. (*b*) The Rose Garden has also been redesigned, the outer beds being raised two feet, and the plot enclosed by a tall Duranta hedge. The Bird Bath is now the centre feature of the Rose Garden with paved paths leading to stone seats on the South and East. (*c*) The separation of a portion of the Blue Garden containing the ornamental pond made it possible to develop a Pansy Garden, Jaint (Sesbania aculeata) sown in July making a temporary hedge which will be replaced by Duranta. (*d*) Several cinder paths were grassed over and stepping stones substituted while the road leading from the main drive past the Rose Garden to the Annual Section has also been closed down. (*e*) A start has been made this year to bring together full collections of popular shrubs such as Barleria, Ixora, Hibiscus, Lantana, Oleander and Lagerstroemia, as well as bamboos in various parts of the garden without spoiling the attractive lay out of the garden. Stock plants, which are ruined

by constant propagation, will be grown elsewhere. Members will appreciate this grouping as the entire collection can be viewed in one spot.

Plants Imported.—Two consignments of plants were obtained from Australia and one from Singapore, these contained a number of new shrubs which will be useful additions to the Society's collection; they arrived in remarkably good condition. A number of plants were also obtained from Delhi, Bangalore and Madras.

Plant Hybrids.—Canna hybrids yielded many new shades and the best will be available as soon as the plants can be increased. Her Excellency Lady Linlithgow was pleased to permit the Society to name a new hybrid canna after her.

Many seedlings of hybrid perennial Verbena were raised during the year and two pink shades have been selected for further trial, while a large number of unflowered seedlings are still being tested. Seedlings of Plumeria, Hibiscus and Bougainvillea were also obtained during the year under review by hybridising but these will not flower for another three years. The hybrid between Poivrea and Quisqualis flowered in July, the first spikes showing little more than a colour difference, but further crosses are being made.

Rainfall damage.—The abnormal rain in August caused a heavy mortality among stocks of Plumbago capensis and several other delicate plants suffered very badly while the waterlogged soil killed off rooted cuttings of Poinsettia, etc., in the stock area. The unavoidable flooding of the manure pits caused some difficulty in drying off the various organic manures for which there is always a good demand.

Owing to the excessive rainfall weeds germinated in large numbers and more jungle has been taken off the land than previously. The large Garden Snail, Achatina fulica, appeared in thousands toward the end of September destroying the foliage of a large variety of plants growing in shady areas and even attacking Canna flowers. Rats were also troublesome and avoiding poison bait delved for the tubers of Motha grass, etc., ruining lawns and small plants; the attack on the tuberous roots of Maranta was serious but eradication with carbon bisulphide was found effective.

Scientific Committee.—There has never been a central authority in India to undertake the naming and registering of hybrids. Considering that work of this nature devolved on the Society the Council took steps during the year to form a panel of eminent scientists to carry out the necessary investigations connected therewith. Rules governing the submission of specimens were drafted together with instructions for preparing specimens and an application form was also drawn up. Horticultural Societies and centres where experimental work is being carried on, have been notified and already several hybrids have been submitted to the Committee for their report.

Dr. K. Biswas, M.A. D.Sc. (Edin) F.R.S.E. Supdt. of the Royal Botanic Gardens, Sibpur, *Chairman.*

(Dr.) Mrs. E. W. Macfarlane, Ph.D. (Mich.) D.Sc. (Lond.) Collaborator in Asiatic Research, University of Michigan, U.S.A.

Dr. S. R. Bose, M.A., B.L., Ph.D., F.R.S.E. Professor of Botany, Carmichael Medical College, Calcutta.

Mr. B. Roy, M.Sc. (Lond) M.Sc. (Cal.) B. K. Agricultural Institute, Rajshahi.
Mr. A. S. Wilson, Supdt., Government House Gardens, Bengal.
Mr. S. Percy-Lancaster, F.L.S. Secretary, The Royal Agri.-Horticultural Society of India, *Secretary.*

Flower Shows.—The Secretary was invited to judge at Flower Shows held out of Calcutta on the following dates, Khargpur 3rd, Asansole 8th and Saidpur 10th February. Short reports of these visits appear elsewhere in these pages.

Monthly Exhibitions.—The Mangoe Show could not be held owing to a bad season and for the same reason no Chrysanthemum Exhibition took place. There were two shows in March and April 1939 and the Rose Show early in January. Reports of these Shows are given elsewhere.

Inspections.—There were fewer Gardens inspected during 1939, of these the Tata Iron and Steel Co. obtained the services of the Secretary to advise on the lay out of a proposed New Park and the planting up of various areas in Jamshedpur. Members perhaps do not realise that they can obtain an inspection of their gardens and the advice of the Secretary on all gardening matters.

Garden Competition.—The bad weather conditions in October prevented many competitors from entering as annuals were poor but 13 Gardens were visited by the Judges and a helpful report sent individually to the Competitors. Such poor competition is surprising as there are a large number of very keen amateurs in Calcutta. We are indebted to the following gentlemen

for their help—Messrs. J. H. Harradence, H. R. Watson and A. S. Wilson.

Library.—The usual publications subscribed for by the Society were received during the year and a few new books were also purchased.

News Sheet.—An eight page leaflet has been issued every month containing a Calendar of garden work and other useful information for members.

Childrens Token.—The Council decided to introduce a Token permitting member's children to enjoy the privileges of the Shelter and the Gardens, non-members being charged Rupees two per month. In consequence of this rule 39 new members were added to the roll of B. Class members.

Visit of Her Excellency.—Her Excellency, Lady Linlithgow paid an unofficial visit to the Society's Gardens on the afternoon of the 2nd January. She was accompanied by the President and the Secretary of the Society and visited the Office and was conducted over a large part of the Gardens.

The Royal Agri-Horticultural

BALANCE SHEET

LIABILITIES.	Rs.	As.	P.	Rs.	As.	P.	1938 Rs.	As.	P.
Capital Account—									
As at 31st December 1938	59,288	6	2						
Less Deficit for the year ended 31st Dec. 1939	119	8	7						
				59,168	13	7	59,288	6	2
Grant Testimonial Fund—									
3½% Bonds as per contra	2,800	0	0						
Interest	103	0	5						
				2,903	0	5	2,912	14	9
Suspense Account	..			1,368	15	4	1,511	3	1
Sundry Creditors	..			10,147	6	8	10,661	6	0
Carried over ..	..			73,588	4	0	74,373	14	0

Society of India.

as at 31st December 1939.

ASSETS.	Rs. As. P.	Rs. As. P.	1938 Rs. As. P.
Building & Property—			
At No. 1 Alipore Road & 5, Belvedere Rd.			
Balance as at 31st December 1938 ..	17,949 9 3		
Less—Depreciation @ 5% per annum	897 7 8		
		17,052 1 7	17,949 9 3
Renovation to Buildings—			
Balance as at 31st December 1938 ..	1,340 15 5		
Less—Depreciation ..	1,340 15 5		
		....	1,340 15 5
Library Books—			
Balance as at 31st December 1938 ..	1,432 2 3		
Additions during the year	36 12 6		
	1,468 14 9		
Less—Depreciation @ 5% per annum	71 9 9		
		1,397 5 0	1,432 2 3
Furniture—			
Balance as at 31st December 1938 ..	2,001 2 4		
Old Furniture	2,335 0 0		
	4,336 2 4		
Less—Depreciation @ 5% on Rs. 2,001-2-4 .. 100 0 11			
Depreciation Reserve 2,335 0 0			
	2,435 0 11		
		1,901 1 5	2,001 2 4
Garden Improvements—			
Balance as at 31st December 1938 ..	1,739 11 0		
Less—Receipts and Depreciation ..	1,739 11 0		
		....	1,739 11 0
Lawn Mower—			
Balance as at 31st December 1938 ..	456 2 3		
Less—Receipts	42 14 0		
	413 4 3		
Less—Depreciation @ 20% per annum	82 10 5		
		330 9 10	456 2 3
Lorry Account—			
Balance as at 31st December 1938 ..	1,474 9 4		577 0 10
Less—Depreciation @ 20% per annum	294 14 8		
		1,179 10 8	1,474 9 4
New Seed Room—			
Balance as at 31st December 1938 ..	1,143 4 0		
Less—Depreciation @ 5% per annum	57 2 7		
		1,086 1 5	1,143 4 0
Carried over ..		22,946 13 11	27,537 7 10

BALANCE SHEET

LIABILITIES—*Contd.*	Rs.	As.	P.	Rs.	As.	P.	1938 Rs.	As.	P.
Brought forward ..				73,588	4	0	74,373	14	0
TOTAL RS. ..	....			73,588	4	0	74,373	14	0

We have examined the above Balance Sheet with the books of the Society and in our opinion such Balance Sheet exhibits a true and correct view of the affairs of the Society according to the best of our information and the explanations given to us and as shown by the books of the Society.

Society of India.

as at 31st December 1939.

ASSETS—*Contd.*	Rs. As. P.	Rs. As. P.	1938 Rs. As. P.
Brought forward ..	....	22,946 13 11	27,537 7 10
New Glass House—			
Balance as at 31st December 1938 ..	....		
Less—Depreciation @ 5% per annum	....		
		....	218 5 6
New Quarter for Malis—			
Balance as at 31st December 1938 ..	268 15 2		
Less—Depreciation @ 5% per annum	13 7 2		
		255 8 0	268 15 2
Coolie Lines—			
Manure Section			
Balance as at 31st December 1938 ..	927 4 7		
Less—Depreciation @ 5% per annum	46 5 10		
		880 14 9	927 4 7
Packing Section—			
Balance as at 31st December 1938 ..	1,069 12 0		
Less—Depreciation @ 5% per annum	53 7 9		
		1,016 4 3	1,069 12 0
Flower Show Shed—			
Balance as at 31st December 1938 ..	386 5 5		
Less—Depreciation @ 5% per annum	19 5 0		
		367 0 5	386 5 5
Grant Testimonial Fund Investment—			
3½% Government Bonds 1854-55 ..	2,300 0 0		
3½% do. 1842-43 ..	500 0 0		
Interest Accrued	39 10 0		
		2,839 10 0	2,840 0 10
Stock of Seeds and Manures—			
As per Secretary's Valuation ..	....	2,753 14 0	2,609 4 0
Sundry Debtors—			
Other Bills—			
Considered Good	8,895 7 6		
,, Doubtful	305 10 0		
		9,201 1 6	7,621 5 3
Sundry Outstandings—			
For Advances and Deposits ..	....	288 13 10	290 6 11
Investments—			
Rs. 9,000 3½% Loan 1947-50 at cost	8,867 2 7		
,, 10,000 3¼% New Howrah Bridge Loan 1936 at cost	10,137 8 0		
,, 10,000 at Fixed Deposit ..	10,000 0 0		
		29,004 10 7	19,004 10 7
Interest Accrued on Investments ..	....	132 8 5	133 15 10
Cash—			
In hand	651 0 0		
With Imperial Bank of India ..	3,250 0 4		
		3,901 0 4	11,466 0 1
TOTAL Rs. ..	....	73,588 4 0	74,373 14 0

CALCUTTA,
7th March, 1940

LOVELOCK & LEWIS,
Chartered Accountants,
Registered Accountants.

The Royal Agri-Horticultural

REVENUE ACCOUNT for

EXPENDITURE.					1938 Rs.	As.	P.	Rs.	As.	P.
To Stock of Seeds and Manures as at 31st December 1938					2,609	4	0	3,056	6	0
,, Boxes and Pots					533	11	0	266	15	0
,, Garden Establishment					13,914	11	0	13,257	6	9
,, Garden Implements					....			94	10	0
,, Lawn Mower Repairs					....			289	10	0
,, Freight					78	3	6	13	1	3
,, Office Establishment					10,482	4	0	12,577	6	0
,, Rent, Rates and Taxes					2,231	6	0	2,231	6	0
,, Pension					480	0	0	480	0	0
,, Printing and Stationery					2,505	6	6	1,730	15	9
,, Sundry Charges					1,601	2	7	1,337	4	3
,, Electric Light					234	2	6	215	3	0
,, Advertising					348	14	0	328	0	0
,, Library Expenses					137	11	2	100	3	11
,, Audit Fees					650	0	0	600	0	0
,, Motor Lorry Expenses					740	4	0	739	0	3
,, Repairs					909	8	6	1,577	2	6
,, Telephone and Telegram					536	2	0	542	6	0
,, Seed Section					373	2	0	360	0	0
,, Free Allowance (Plants)					8,854	1	0	8,685	11	0
,, Do. (Seeds)					11,541	3	0	11,582	1	0
,, Flower Show					133	7	9	....		
,, Insurance					107	8	0	107	8	0
,, Bad Debts					203	11	0	149	14	0
,, Law Charges					10	6	0	5	3	0
,, Depreciation on—		Rs.	As.	P.						
Building and Property ..		897	7	8	....			944	11	6
Renovation to Buildings ..		1,340	15	5	....			1,340	15	4
Library Books		71	9	9	....			70	1	0
Furniture		100	0	11	....			105	5	2
Garden Improvements ..		1,501	11	0	....			2,599	10	6
Lawn Mower		82	10	5	....			115	6	7
Lorry Account		294	14	8	....			368	10	4
New Seed Room		57	2	7	....			60	2	9
New Glass House		193	5	6	....			11	7	10
New Quarters for Malis ..		13	7	2	....			14	2	6
Coolie Lines—										
Manure Section ..		46	5	10	....			48	12	10
Packing Section ..		53	7	9	....			56	4	5
Flower Show Shed ..		19	5	0	....			20	5	4
					4,672	7	8			
Capital Account—										
Surplus transferred					....			496	4	4
TOTAL Rs. ..					63,888	9	2	66,579	10	1

A. K. MUKERJEE,
Accountant.

Society of India.

the year ended 31st December 1939.

INCOME.	Rs.	As.	P.	1938 Rs.	As.	P.
By Subscription	22,624	0	0	22,400	0	0
,, Government Annuity..	6,000	0	0	6,000	0	0
,, Plants	13,053	4	10	12,431	12	9
,, Earth and Leaf Mould	2,371	14	9	2,790	4	9
,, Bought Seeds	7,690	12	0	7,247	15	4
,, Flower Show	..	..		126	13	6
,, Miscellaneous Seeds	2,111	8	9	3,997	4	0
,, Collected Seeds	1,277	2	0	1,427	1	0
,, Cut Flowers	73	8	0	50	10	0
,, Bought Manure	657	12	9	767	2	9
,, Garden Competition	40	0	0	20	0	0
,, Interest on Investments	538	0	7	544	0	0
,, Garden Implements	6	11	1	....		
,, Packing and Forwarding	1,367	8	10	1,486	4	6
,, Tennis Court Books	10	8	0	25	9	0
,, Seedlings	2,572	6	0	2,999	10	0
,, Inspection	250	0	0	260	0	0
,, Contract	295	12	0	1,309	12	6
,, Gardening Calendar	73	8	0	86	2	0
,, Lawn Mower Repairs		13	0			
,, Stock of Seeds and Manures as at 31st December 1939	2,753	14	0	2,609	4	0
,, Capital Account Deficit transferred	119	8	7			
TOTAL RS. ..	63,888	9	2	66,579	10	1

S. PERCY-LANCASTER,
Secretary & Treasurer.

Exhibitions.

Orchid. 4th & 5th March 1939.

The Gardens on the day of Exhibition made a wonderful display of annual flowers in spite of the rain. The Society's group of Orchids showed magnificient specimens of Phalaenopsis Schilleriana and of the Sunderbuns orchid, Dendrobium Pierardii, in full bloom.

Mr. J. N. Roy staged Dendrobium macrophyllum, Phalaenopsis Schilleriana and a Cattleya while Mr B. K. Mondol had a specimen Phalaenopsis Schilleriana.

The opportunity was taken to exhibit a very fine collection of cut Petunia flowers, small bedding types an inch in diameter, large flowered varieties with fringed edges as well as Giants of California and Ruffled Giants measuring four inches across the expanded flower. Flowers of trees and shrubs with their scientific names made an interesting exhibit for the amateur who was not familiar with the Latin names of plants.

Orchid & Plumeria. 30th April & 1st May, 1939.

Owing to hot and dry weather conditions the majority of Orchids had completed their period of flowering quicker than usual and a number of exhibits which had been promised were past their prime. Kumar G. C. Law put up an excellent display of Saccolabium guttatum on blocks of wood, each showing at least twenty spikes of flower, in addition

to this he also exhibited a nice specimen of Grammatophyllum Measurianum.

The Society's group was composed of Phalaenopsis grandiflora, Vanda teres, Vanda Roxburghii, Spathoglottis plicata, Dendrobium Pierardii, Aerides species and three hybrid Amaryllis, Beloperone oblongata and other ornamental plants.

Plumerias in twenty distinct colour variations were arranged in vases and attracted much attention while other vases contained flowers of trees and shrubs in season.

Rose & Dahlia. 13th & 14th January, 1940.

In the Dahlia Competition the flowers from the Royal Botanic Gardens carried off first Prizes in four out of the five sections, while Dijons won the prize for single Dahlias. In the Rose Competition no award was made for the Amateur section as the exhibits were poor but the Challenge Cup was won by Mr. A. K. Aditya, the Law Memorial Medal by Mr. D. N. Bannerjee and the best specimen Rose by Mr. Aditya.

Several "not for competition" groups of flowers were exhibited. That by Dijons of early flowering Sweet Pea in variety and a miscellaneous selection of other annuals and Narcissus was very good. The Royal Botanic Gardens arranged Dahlias and Eschscholtzia while the Society occupied a table with vases of various flowers in season.

Roses were also exhibited by the Nurjehan Nursery and P. P. Chatterjee & Nephew.

Flower Shows.

Khargpur. 3rd February.

The Flower Show was held this year in the new Nursery Garden which is only a short distance from the Railway Colony on the east and has been very nicely laid out making an ideal setting for a show. The grounds were bright with Cannas, Annuals and Roses. The cut flower exhibits were arranged on tables in the large fernery with the pot plants in a tarpaulin structure and vegetables in a separate corrugated building. Owing to the late season the actual number of exhibits in all sections was less than in previous years and while many of the flowers were of comparatively poor quality excellent Sweet pea and Gerbera were staged. There were a few outstanding exhibits among pot plants, i. e., some specimens of Nephrolepis and Eucharis lilies for instance. A large number of gardens entered for the Garden Competition which is one of the features of this Show but there were not as many as previously. This has been due to the transfer of many keen amateurs from Khargpur while the new comers have not been long enough in the station to build up their gardens. More general interest however is being taken by the residents in their gardens as witnessed by the bright display of flower all over the station.

Saidpur. 10th February.

The number of entries for the Garden Competition was only five and the division of this competition into

several sections, so as to enable gardens of the subordinates to enter is under consideration.

The prize this year was won by Dr. Gokhale whose garden has shown a steady improvement since it was first entered for the competition three years ago. The Flower Show exhibits were placed under tarpaulins near the Railway Institute and in spite of the fact that there were fewer entries owing to a bad season a very fine display was got together. Unfortunately the day was wet and the number of visitors in consequence somewhat reduced. The General Manager of the E. B. Railway was present at the prize distribution which took place in the Institute after the Show.

Asansole. 8th February.

The Garden Competition was a great success and it is expected that a number of new entries from Hirapur will be obtained next year to make this competition more interesting. The Flower Show, held in the central Hall of the Railway Institute, filled the room with exhibits of cut flowers and vegetables, the competition was very keen in most sections, Sweet Peas as usual making a wonderful display. There were many entries for vegetables too and Carrots and Tomatoes quite up to standard.

The Society's Garden Competition. 11th February.

Fifteen gardens entered for this Competition and five were placed to A Class according to the rules.

The winner of the Sassoon Challenge Cup was Mrs. Ralph Sassoon, 4 Middleton Road, who was awarded 365 marks out of a maximum of 500 with Mr. A. O. Brown, 12 Lord Sinha Road, second with 335 marks. Among the smaller gardens (B. Class) Mrs. I. P. F. Campbell, 26 Ballygunge Park won the Burdwan Challenge Cup with 310 marks out of a maximum of 500 and Mrs. Thomas, 17 Ballygunge Park, was placed second with 295 marks. Owing to bad weather conditions some gardens had a poor display of annual flowers and the judges had some difficulty in allocating marks in their Report. We are indebted to Messrs. H. R. Watson, A. S. Wilson and J. E. Harradance for their assistance in judging gardens.

Annual Flower Show. 17th & 18th February.

The Gardens were bright with flowering trees and climbers but the annuals would have been in better bloom a week later. Annuals in pots were arranged on the lawn, the groups being placed to the right and left of sections 7 to 9 (for small numbers of plants) which ran in a diagonal across the lawn. Owing to the absence of exhibits from the Race Course there were fewer groups and entries in the Pot and Cut Flower Sections but a number of extra "not for competition" groups helped to increase the display. The quality of the blooms was fair but the late season was responsible for a falling off in good specimens.

Cut flowers were once again arranged in Durbhunga House and while the amateur sections were poorly supported there were many entries by amateurs

in the open class and more in Sections 3 and 4 than had been anticipated. Exhibits were received from as far afield as Saidpur and Khargpur and Mrs. Powell, who carried off the Viceroy's Medal, has her garden in Saidpur.

Vegetables and fruit were placed in the open spot north of the office under tarpaulins and hooglah covering and the arrangement of the tables in this space made for a better lay out. The Society did not make a special display of cut flowers but exhibited a few new annuals in pots in the verandah. The growing plants in the Gardens however attracted the public who wandered through the Annual and Rose Gardens after viewing the exhibits at the Show. The bank of Cinerarias from Mr. A. N. Ghosh was very effective and Orchids were exhibited by Mrs. S. C. Ghosh, Mr. K. P. Goenka, Kumar G. C. Law and the Society. Mrs. Smythe's Grape Hyacinth made an interesting exhibit and Mr. Roy's Capsicum were also admired. Messrs Ewing and Co. displayed a large selection of manures and fertilisers while paintings of the Gardens and other scenes were arranged by the artist Mazumdar in the verandah.

Suttons very kindly displayed vases of cut flowers, pot annuals and vegetables under the large Mangoe tree to the west of the main lawn. The weather was ideal for the Show and a very good attendance was recorded.

The Council are indebted to the help given by the following gentlemen who judged the various exhibits at the Show :—

Dr. K. P. Biswas, Kumar G. C. Law and Messrs A. Carr., J. E. Harradance, J. R. Jackson, N. Mitra, J. E. W. Ronan Underwood, N. J. G. Underwood, and H. R. Watson.

The following are the winners of Cups, Medals and Certificates :—

CLASS I.—ANNUALS IN POTS.

AGGREGATE PRIZE.

H. E. The Viceroy's Silver Medal. The Royal Botanic Gardens.

ANNUALS & PERENNIALS

The President's Cup. The Royal Botanic Gardens.

ANNUALS & PERENNIALS (Amateurs)

Sir R. N. Mookerjee Memorial Cup. Calcutta South Club.

ANNUALS, 30 pots.

Challenge Cup, Messrs. P. P. Chatterjee & Nephew. The Royal Botanic Gardens.

ANNUALS, 18 Specimen plants.

Mr. R. K. Modi's Cup. District IV, Calcutta Corporation.

CARNATIONS, 12 Specimen plants.

Mr. M. Ganguli's Challenge Cup. The Zoological Gardens.

AGGREGATE PRIZE for Section 8.

Bronze Banksian Medal. The Royal Botanic Gardens.

Special Certificate.

For Grape Hyacinths. Mrs. Smythe.

CLASS II.—CUT FLOWERS.

AGGREGATE PRIZE.

H. E. The Governor's Silver Medal. Mrs Powell.

ANNUALS 24 Vases.

The Raja of Jehangirabad's Cup. The Royal Botanic Gardens.

ANNUALS, 12 Vases.
Mr. A. N. Ghosh's Cup. Mr. B. K. Mondol.

SWEET PEA. Imported Seed. 100 Spikes.
Mr. I. E. Mordecai's Cup. Mr. B. K. Mondol.

AUSTRALIAN SWEET PEA.
Messrs. Arthur Yates & Co.'s Seed. 100 Spikes.
Silver Sweet Pea Medal. Mr. B. K. Mondol.

SWEET PEA. 24 Spikes.
Mr. B. K. Mondol's Medal. Mrs. Powell.

SWEET PEA. 50 spikes. (Amateurs)
Mr. J. N. Mookerjee's Memorial Silver Medal.
Mr. B. K. Mondol.

SWEET PEA, 60 Spikes.
Society's Silver Sweet Pea Medal. Mr. B. K. Mondol.

SWEET PEA, from Sutton's Seed
Messrs. Sutton & Son's Silver Cup. Mr. B. K. Mondol.

ANTIRRHINUM, 24 Spikes.
Jatan Memorial Medal. Mrs. Powell.

CARNATION, 6 flowers. (Society's Members).
Bronze Carnation Medal. Mrs. S. C. Ghosh.

CARNATION, 16 flowers.
Nahar Memorial Medal. Messrs. B. K. Paul & Sons

CANNA, 12 Spikes.
Bronze Canna Medal. The Zoological Gardens.

CANNA, 36 Spikes.
Silver Canna Medal. Mrs. S. C. Ghosh.

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General Exhibit. P. P. Chatterjee & Nephew.
Tuberoses. Luna Nursery.

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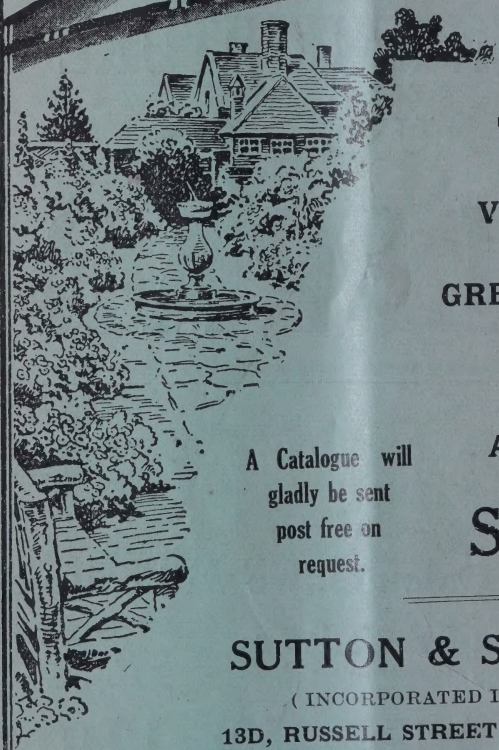

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